

(SF-1878)

Ukrainian Republican Conference on Adsorption and Methods of Chromatographic Analysis, by K. V. Samutov, 6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV,
No 9, pp 2170-2171.

JPRS 13570

Sci - Chem

May 62

193, 511

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(SF-2212)

M. M. Dubinin, by B. P. Bering, V. V. Serpinskiy,
5 pp.

RUSSIAN, per, Zhurnal Fizicheskoy Khimii,
No 11, 1961, pp 225-227.

JPRS 13882

USBR
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Jun 62

63-10748

Kobzev, N. I., Semokhin, I. A., and Pitskhelauri, E. N.
 REACTION BETWEEN HYDROGEN AND OXYGEN IN THE SILENT ELECTRICAL DISCHARGE. VIII. MECHANISM OF THE PROCESS (Vzaimodeistviye Vodoroda s Kislorodom v Tishnom Elektricheskom Razryade).
 [1962] 11 pp. 14 refs.
 Order from KITS of SLA \$1.60

63-10748

- I. Kobzev, N. I.
- II. Semokhin, I. A.
- III. Pitskhelauri, E. N.
- IV. Title: Mechanism ...

Trans. of Journal Fizicheskoi Khimii (USSR) 1962, v. 36 (no. 3) p. 413-418.

DESCRIPTORS: *Hydrogen, *Oxygen, *Electric discharges, Chemical reactions, *Reaction kinetics, Electrochemistry.

Water vapor and particularly argon have been shown to be energy catalysts of the formation and of the decomposition of H₂O₂. At low concentrations they act (Chemistry-Physical, FT, v. 10, no. 3) (over)

Office of Technical Services

Vysotskite-a New Sulphide of Palladium and
Nickel, by A.D. Denkin, O. E. Zvyagintsev.
RUSSIAN, per. Zapiski Vsesoyuznogo Mineralogiche-
skogo Obshchestva, Vol 91, No 6, 1962,
pp 718-725.
NIL RTS 2713

Sci - Earth Sci & Ocean
Sept. 67

340,391

Marina, L. I., Nashel'skii, A. Ya., and Yakobson, S. V.

63-10772

INVESTIGATION OF THE DECOMPOSITION PRESSURE OF GALLIUM PHOSPHIDE. [1962] 11p. 16 refs.
Order from OTS or SLA \$1.60

I. Marina, L. I.
II. Nashel'skii, A. Ya.
III. Yakobson, S. V.

63-10772

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1962, v. 36, no. 5, p. 1786-1788.

Another trans. is available from OTS or SLA \$1.10 as 62-1896, 2 Aug 62 [8]p.

DESCRIPTORS: *Semiconductors, *Gallium compounds, *Phosphides, Decomposition, Pressure, Crystallization, Temperature, Phosphorus, Vapor pressure.

The temperature dependence of the decomposition pressure of gallium phosphide expressed in the following terms has been determined

$$\lg P = - \frac{10770}{T} + 9.996.$$

(Chemistry--Physical, TT, v. 9, no. 11)

(over)

Office of Technical Services

Electrosynthesis of Ozone. V. Synthesis of Ozone
in a Flow Under Reduced Pressure, by V. G. Smaylovich,
V. P. Vardillo.

RUSSIAN, par, Zhur Fiz Khim, Vol LXXVI, No 5, 1962,
pp 989-992.

*PTD-TT-62-1462

Sci - Chem

Oct 62

The Isotopic Effect in the Electroosmosis
of Gases by Rayleigh's Method, by
I. A. Tikhonov, V. M. Pichonovskiy, L. M.

RUSSIAN, per. Zhur Fiz Khim, Vol XXXI, No 2
1957, pp 395-397. DE79832

FTD-FT-2-1535

Sci.-Chem
Apr 65

Hydrolysis of Alkali-Metal Borohydrides (USSR), by
K. S. Mochalov, G. G. Gilyanovskiy.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 5, 1962,
pp 1089-1094.

*TTD-TT-62-1462

Sci - Chem

Oct 62

Polarographic Study of Borohydrides of
Alkali Metals, by K. N. Mochalov,
G. G. Sil'manshin, 13 pp

RUSSIAN, per, Zhur Khim, Vol LXXVI,
No. 5, 1962, pp 1089-1091, 3679813

FTD-TT-62-1462

Sci.-Chem
Mar 63

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228,718

Infrared Spectroscopy Applied to the Investigation
of the Reaction of Water With Alumina Surface,
by A. V. Uvarov.

RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol. 36,
1962, pp 1346-1349.

NTC-71-12457-07D

Nov 71

Neutron Diffraction Study of High-Temperature
Annealed Beryllium Oxide, by E. M. Kuleshov,
G. G. Sadukov, et al, 5 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVI, 1962,
pp 1369-1371. 9-22676
AARC-Tr-13

Sci-Phys
Jun 64

260,943

Electrosynthesis of Ozone, by Yu. V. Filippov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVI, No 7, 1962,
pp 1420-1425.

*FTD-TT-62-1536

Sci - Chem

2 Nov 62

Combustion of Ammonium Perchlorate, by L. D.
Romonova, V. I. Roshechupkin.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVI, No 7, 1962,
pp 1554, 1555.

*FTD-TI-62-156.

Sci - Chem

2 Nov 62

Lazorenko-Manovich, R. M.
THE REDISTRIBUTION OF POTENTIAL AT THE
SEMICONDUCTOR ELECTROLYTE INTERFACE
UNDER THE INFLUENCE OF LIGHT. [1963] [11] p.
7 refs.

Order from ODS or SIA \$1.60

63-14735

Trans. of Zhurnal Fizicheskoi Khimii (USSR)
1962, v. 36 [pt. 9] p. 2066-2071.

DESCRIPTION: *Semiconductors, *Electrolytes,
*Electrodes, *Light, Distribution, Electric potential,
Electric currents, *Electrochemistry, *Photochemistry.

The effect of illumination on the separate components
of the overvoltage at the semi-conductor electrode is
investigated. If a current flows through the system,
the potential shifts which originate during illumination
of the electrode in the Helmholtz portion of the double
layer (ϕ_H , ϕ_{H0}) and in the surface dipole layer
(Chemistry--Physical, IT, v. 10, no. 4) (over)

63-14735

I. Lazorenko-Manovich, R. M.

Office of Technical Services

Standard Enthalpies of Formation of 1,1-
Difluoroethylene and Trifluoroethylene, by
V. P. Kolesov, et al.
RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol 36,
1962, pp 2078-2081.
NTC 71-14598-07 D

Feb 72

Standard Enthalpies of Formation of Chloro-
trifluoromethane and Dichloro-Difluoromethane,
by V. F. Kolesov, et al.
RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol 36,
1962, pp 2082-2084.
NTO 71-14597-07D

Feb 72

Optical Sensitization of the Photoeffect of
Zinc Oxide and the Adsorption Isotherms of
Dyes, by N. N. Markevich, E. K. Putsieko,
RUSSIAN, per, Zh. Fiz. Khim., Vol XXXVI, No 11,
1962, pp 2393-2397.
ATS RJ-4593

Sci-Phys
Jul 67

329,116

Distribution of Lithium Isotopes in Immiscible
Solvents, by V. M. Kolotylnin, N. I. Nikolayev, 2 pp

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 11,
1962, pp 2540-2541.

Buy Tr 3369/CHI 912

Sol - Chem
Apr 63

129,270

CIA/FOUO 8-5125

Combination of Three-Component Condensed Systems,
by N. N. Bakhtan, Yu. A. Kondratyev.
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RUSSIAN, per, Zhur Fiz Khim, XXXXXXXX Vol XXXVII,
No 1, 1963, pp 216-219.

NASA TT 17-8436

Sci - Chem

Feb 64

U.S. GOVERNMENT ONLY

250,163

Stryaeva, G. V., Gorbalkina, Yu. A., and
Andreevskaya, G. D.
METHODS FOR DETERMINING ADHESION OF
POLYMERS TO GLASS FIBER SURFACES. [1963] 8p
10cifs
Order from OIS, SLA, or ETC \$1.10 TT-64-10686

Trans. of [Zhurnal] [Izvestiya] Khim. (USSR)
1963, v. 37 [no. 1] p. 227-241. (Abstract available)

DESCRIPTORS: *Surfaces, *Glass (textiles), Polymers,
*Adhesion, Polyester, plastics, Resins, Binders,
Fibers (Synthetic), Adhesives.

Two methods were developed for the direct determina-
tion of the adhesion of polymeric binders to glass fila-
ments. The methods are based on the measurement of dis-
placement force of glass filaments with respect to the
film of polymerized binder and on determination of the
contact area between the resin and filament. One of the
(Chemistry-Physical) [IT, v. 11, no. 9] (over)

TT-64-10686

- I. Stryaeva, G. V.
- II. Gorbalkina, Yu. A.
- III. Andreevskaya, G. D.

Effect of Stimulation of Trigeminal Nerve on
Electrotonic Potentials of Dorsal Roots in
Cats, by T.N. Mamontov.
RUSSIAN, per, Fiz Zhurnal, 1963, Vol.9, No.3,
pp.306-310.
OCS-PT-8-19713

B/M
Aug 66

308,689

TT-64-14449

Vyrodov, I. P.
DIFFUSION KINETICS OF REACTIONS. PT. II.
FIRST ORDER REACTIONS. [1963] 8p 2rds
Order from CTS, SLA, or ETC \$1.10 TT-64-14449

Trans. of Zhurnal Fizicheskoi Khimii (USSR)
1963, v. 37 (no. 2) p. 413-419. (Abstract available)

DESCRIPTORS: *Catalysis, *Diffusion, *Reaction
kinetics, Liquids, Solids, Surface properties.

The diffusion kinetics of reactions at the liquid-solid
interface are discussed. Diffusion of the products
occurs within a finite volume (sphere of radius R).
The reaction at the surface is of the first order up to
the moment of saturation of the pre-surface layer by
the products. Following this, no change in the limiting
concentration in the pre-surface layer occurs up to the
end of the reaction between the liquid medium and the
solid. The solution, proposed for the diffusion problem
(Chemistry-Physical, TT, v. 11, no. 7) (over)

I. Vyrodov, I. P.
II. Title: First ...

Office of Technical Services

Thermodynamics of Dielectrics and the Molecular
Structure of Liquids, by M. I. Shakhmurov,
6 pp.

RUSSIAN, Zhur Fiz Khim, Vol. XXXVII, No 5,
1963, pp 1169-1172. 9217203

AEC-Tr-6074

Sci - Phys
JUL 64

248,377

Ksenzhek, O. S.
CAPILLARY EQUILIBRIA IN POROUS MEDIA WITH
INTERSECTING PORES [Jan 64] 8p
Order from ATS \$12.00

ATS-99Q72R

Trans. of #Zhurnal Fizicheskii Khimii (USSR)
1963, v. 37, no. 6, p. 1297-1303.

DESCRIPTORS: *Porous materials.

(Chemistry--Physical, TT, v. 11, no. 10)

TT-64-12436

I. Ksenzhek, O. S.
II. ATS-99Q72R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Association des vapeurs d'acide fluorhydrique et
chaleur de leur formation, by V. A. Medvedev,
8 pp.
RUSSIAN to FRENCH, per, Zhur Fiz Khim SSSR,
Vol. XXXVII, No 6, 1963, pp 1403-1406.

Reverse Translation
CIA-R-1759

Sci
Oct 64

~~XXX~~ SOME ASPECTS OF THE CURRENT STATUS OF THE FUEL
CELL PROBLEM, BY O. K. DAVTYAN. 12 PP

RUSSIAN, PER, ZHUR FIZ KHIM, VOL XXXVII, NO 9, 1963,
PP 1949-1957.

JPRS 22148

SCI-FUELS & PROPULSION
DEC 63

243,1016

Studies on the Deflagration-to-Detonation Transition of
Explosives, by K. K. Andreyev, V. V. Gorbunov.
RUSSIAN, per, Zhur Fiz Khim, Vol CXXVII, No 9, 1963,
pp 1958-1965.

*Navy/APL J342

Sci - Engr
Mar 64

Ksenzhek, O. S.
TRANSIENT PROCESSES IN THE CHARGING OF
POROUS ELECTRODES. 15 Nov 63 [9p] 9 refs
Order from OTS, SIA, or ETC \$1.10 TT-64-10714

Trans. of Khim[na] Fiz[icheskoi] Khim[ii] (USSR)
1963, v. 37 [no. 9] p. 2007-2011.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-10714

I. Ksenzhek, O. S.

Office of Technical Services

Karapet'yants, M. Kh. and Yau, K. H.
THE TEMPERATURE DEPENDENCE OF THE VIS-
COSITY OF p-ALICYNES. 30 Oct 63, 12p 12ref's
Order from DTS, H.A. for ITC \$1.60 TT-64-10713

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1963,
v. 37 [no. 9] p. 2042-2047.

TT-64-10713

I. Karapet'yants, M. Kh.
II. Yau, K. H.

(Chemistry--Physical, TT, v. 11, no. 12)

Office of Technical Services

Chronicle. II. All-Union Conference on Calorimetry.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVII, 1963,
pp 2279-2387. 8 2 2 2 6 6 2
ARC-ANL-Ty-4

Sci-Phys
Jun 64

260,021 925

The Preparation of Metallic Catalysts in the Form
of Films Condensed in Vacuum on a Finely Dispersed
Carrier, by G.K. Boreskov, A.I. Gorbunov. 8 pp.
RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol 37,
No 12, 1963, pp 2728-2733.
ATS-06876R

Sci/Chemistry
Jul 66

307
306,202

Photocatalytic Synthesis of Amino-Acids,
by L. A. Nikolayev, O. N. Agajova, 7 pp
RUSSIAN, per, Zhur Fiz Khim, Vol XXCVII, 1963,
pp 2746-2748.
AEC-ORNL-Tr-215

Sci-Phys
Dec 64

269,943

Density and Viscosity of Nitrogen Tetroxide
Solutions in 70% Nitric Acid, by M. M. Karavayev,
V. A. Zharalov, 5 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXCVII, No 12,
1968, pp 2771-2778. 9096137
FTD-TT-64-879

Sci - Chem
Mar 68

276,421

Investigation of Oxidation Kinetics
of Oximes with Ethylbenzene. I. Ratios of
the Elementary Reaction Rate Constants,
by V. F. Tsypalov, V. Ya. Shlyapintoh,
Petrushin Stan, 9 pp.
RUSSIAN, per, Khimicheskoi Khimii,
Vol 38, No 1, 1964, pp 52-58.
SLA TT-63-10804

336,228

Investigation on the Processes of the Oxidation
of Iron Powder at Raised Temperatures, by
P. D. Dankov, N. K. Andrushenko. FOR OFFICIAL USE
ONLY/USIB USE ONLY

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 3,
1964, pp 519-524.

JIB T 3201

Sep 64

TIL/T 5483

Isotope Exchange of Oxygen in the Systems
 $\text{H}_2\text{O}-\text{H}_2$ and $\text{NaOH}-\text{O}_2$ by V. G. Finikov.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, 1964,
pp 542-546. 0232287
REC-1S-T1-27

Sci - Chem
Mar 66

298,502

Dependence of the Heats of Formation of Hafnium
Carbide on Composition, by V. I. Zhelutkin,
V. S. Kutsev, 5 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 3,
1974, pp 562-564, 9224899
AEC-LA-Tr-64-9

Sci-Chem
Nov 64

268,536

Dissociation of Carbon dioxide in Silent Electric
Discharge, by Yu. V. Andreyev, et al.
RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 3,
1964, pp 794-797.
J. Nonincom
6710 Clairmont Mesa Blvd.
San Diego, California 92117

Sci - Elec/Eng
Sep 60

300,324

Mechanism of Dissociation of Aetal Pthalocyan-
ines, by E. D. Burezin,
RUSKIAN, per, Zhurnal Fiz. Khim., Vol XXXVIII,
No 4, 1964, pp 850-857.
ATG 11-4889

Sci-Pays
Apr 67

321,524

Installation for Pulse Measurements
in Electrochemical Investigations,
by V. N. Tyagai, Yu. V. Pleskov.
RUSSIAN, per, Zhurnal Fizicheskoy
Khimii, Vol 38, No 3, 1964, pp 2111-2113.
S-11,722

Sci/Phys
Oct 68

The Behavior of Small Amounts of Nitromethane in
Aqueous Sulfuric and Hydrochloric Acid Solutions,
by Yu. L. Khaibina, Kh. I. Kurra, et al, 11 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 4,
1964, pp 868-870. 9226590
AEC-ANL-Tr-96

Sci-Chem
Jan 65

271,788

The Electrochemical Properties of Zirconyl Phosphate.
Part II. The Relationship of Electroconductivity
of Zirconyl Phosphate Samples and Their Compositions,
by E. A. Materova

RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol 38,
1964, pp 875-909
NTS 71-16463-07D

mar 72

Calculation of the Statistical Sums for Diatomic
Molecules Taking into Account the Highly Excited
Electron States, by R. I. Artym.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 7, 1964,
pp 1734-1742.
NASA TT F-9173

Sci-Phys
Jan 65

U.S. GOVERNMENT ONLY

270,892

NCH-200 835

Field 111, 7D

Buriseva, L. K.; Pionikova, G. P.; Krut'ichikov, A. I.
PASSIVITY AND INTERGRANULAR CORROSION OF
STAINLESS STEEL IN NITRIC ACID: III. Nov 64, 14p.
(foreign text included) 22 refs. NLL-M 5615
INC-Trans-6/211
Order from NLL as M. 5615

I. International Nickel Co.
(Mond) Ltd.,
(London) (England)

Trans. of Zhurnal Khimicheskoi Khimii (USSR) v38 n5
p1856-62 1964.

TT-65-18425

Field 70

Biryukov, V. V.; Kufarov, V. V.
THE APPLICATION OF ANALOG COMPUTERS TO
REACTION KINETICS STUDIES. 8p. 14 refs.
Order from SLA: 50.10 in TT-65-18425

Trans. of Zhurnal Fizicheskoi Khimii (USSR)

v38 n8 pp018-9 1964

See also 'Translated or Abstracted Publications,'
in TT Vol. 14, No. 8.

MR 655

Apparatus for Pulse Measurements in Electro-
chemical Investigations, by V. A. Tyagui,
Yu. V. Pleskov.
RUSSIAN, par, Zhurnal Fizicheskoy Khimii,
Vol 33, No 8, 1959, pp 2111-2113.
NASA TT P-11,772

Sci
Dec 68

371,161

NBS S-165338-58-D

R-9305-D

28 Mar 68

Zhurnal Fizicheskoi Khimii V 28, No 9, P 1690-1697, 1964

Author: ZILK, N. P.

(7 pp)

Russian - est for wis:

Please translate and type 1 original copy only.
Document can be cut.

Thermodynamic Constants of Difficultly Soluble
Sulfates, Carbonates, Chromates, Borates,
Iodates, Oxalates and Other Metal Salts, by

N. P. Zisman, 10 pp.

RUS ENG, Mon. Khimicheskoi Khimii SSSR.

Vol 28, No 9, 1964.

Dept of Commerce

Nat. Bureau of Standards

Sci. Reps

Sen 68

367,276

Equilibrium in the system Oxygen-Hydrogen at
High Temperatures and Elevated Pressures, by
V. V. Yeliseyev, D. Sc.
USSR Acad. Sci. Bull. Div. Chem., Vol. XXXVIII, 1964,
pp. 211-218. 211-218
REC-11441-64-3

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11-11-64

281,081

Evolution of Chemical Products in the Oxidation of
Junk and Structural Transformations of the
Junk. By Yu. I. Petrov, N. Sh. Bilibashvili.
Dokl. Akad. Nauk SSSR, Vol. XXXVIII, No. 11,
1968, pp. 2014-2015.

Sci. Pers.
Int. 00

TT-65-13423

Field 7D

Knorre, V. G.; Korlov, G. L.
KINETICS AND MECHANISM OF THE THERMAL
DECOMPOSITION OF ETHANE. 9p. 11 refs.
Order from SLN: \$1.10 as TT-65-13423

Trans. of Zhurnal Fizicheskoi Khimii (USSR)
Vol. 38, No. 1, p. 22, 1964.

See also 'Translated or Abstracted Publications,'
in TT Vol. 14, No. 3.

MR 655

NCH-201 511

Field 11F, IC

Kulikov, L. N.
THE DEPENDENCE OF THE CONTACT RESISTANCE OF
PALLADIUM ELECTROLYTE. May 63, 5p (foreign text
included) Ref. INC-Trans-65/121; NLL-M.5697.
Order from NLL as M.5697

I. International Nickel Co.
(Mond) Ltd.
London (England)

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v38 n11
p2562-3 1964
See also 'Translated or Abstracted Publications,' in
TT Vol. 14, No. 8.

NLL 5/28.1 1965 (5697)

Compendium of Technology and Materials, by V. P.
Shenitshin, M. N. Efremov, 9 pp.

RUSSIAN, part, Zhur iz Khim Obsh, Vol. 1, 1961
2p 77-78

SLA/R-2540

Sci
Apr 59

74, 1432

Allotropic Modifications and Solid Solutions of
Phosphorus, by V. I. Nikolayev, 8 pp.

RUSSIAN, per, Zhur Fiz Khim Obshchestva, Vol LX,
1928, pp 1045-1051.

SLA/R-2593

Sci
Apr 59

84,887

Nitrides, by S. A. Vozneskiy, 6 pp.

RUSSIAN, Eng, Zhur Fiz Khim Obshchestva, Vol LXI,
1929, pp 1323-1328,

SLA/R-2590

*AEC

Sci
Apr 59

84,909

Daryagin, B.
ON THE DAMPING AND DISPERSION OF SEISMIC
WAVES. [1962] 20p. 28 refs.

Order from OTS or SLA \$1.60

62-20298

Trans. of Zhurnal Geofiziki (USSR) 1931, v. 1,
p. 207-222.

DESCRIPTORS: Seismic waves, Damping, Propagation.

A theory of seismic-wave propagation is developed on the basis of Boltzmann's theory of elastic post-acoustic. The theory leads to damping and dispersion of seismic waves in agreement with observation. In the conclusion an application of the principle of conservation of momentum to pulse propagation is given. (Author)

(Earth Sciences--Seismology, TT, v. 9, no. 12)

62-20298

1. Title: Dispersion
1. Daryagin, B.

Office of Technical Services

A Study of the Optical Properties of the
Atmosphere by the Photometric Method, by V. G.
Fesenkov, 36 pp.

RUSSIAN, per, Zhur Geofiziki, Vol IV, no 2,
1934, pp 143-164.

American Meteorol Soc For
Geophysics Res Dir, AETIA

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Sci - Geophysics, Physics

May 1956

Cloudiness of Kislovodsk and of Sedlovaya Mountain
in Relation to Tropospheric Air Masses, by
A. I. Askani.

RUSSIAN, per, Zhur Geofiz, Vol IV, No 3, 1934.

HQ Air Weather Service, A-2, Technical
Research Files Acc. 47.1015

Scientific - Geophysics

14,532

Synoptic Conditions of Glazed Frost in the European
Part of the USSR, by E. S. Lir, UNCLASSIFIED

RUSSIAN, per, in Zhur Geofiz i Met, Vol IV, No 1,
1987, pp 24-37

Sci Tr Center
RT 1120

Scientific - Geophysics

15,347

ANDREYEV, A. E.
SERVALIN, I. E.

Sulfidation of Burnt Copper Pyrites by the
Action of Heating Gas,

RUSSIAN, Zhur Khim Prom, Vol 1, 1925, pp 21 - 23.

Brutskiy Tr 282)

16175

ES

Manufacture of Nitric Oxide, by V. I. Malyarevskiy,
10 pp.

RUSSIAN, per, Zhur Khim Press, Vol II, 1926, pp
478-482.

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R-3363

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Aug 59

94, 146

Contribution to the Question of the Production of
Ethylene Chloride, by E. A. Doroganskaya, 12 pp.

RUSSIAN, per, Zhur Khim Prom.

Sci Tr Center
RT-1578

Scientific - Chemistry

CTS/DEX

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Gebler, I. V.
OVER DE SULFONERING VAN AROMATISCHE KOL-
WATERSTOFFEN MET POLYSULFAAT (Sulfonation
of Aromatic Hydrocarbons by Means of Sodium
Trihydrogen Sulfate) tr. by G. J. M. Eritschy. Sp.
MTWL: 47 (text in Dutch).
Order from OYS or ETC: \$1.55 61-17665

Trans. of Zhurnal Khimicheskoi Promyshlennosti
(USSR) 1926, v. 2, p. 984-986.

DESCRIPTORS: Sodium compounds, Sulfates, *Hydro-
carbons, *Benzene, *Sulfonates.

61-17665

I. Gebler, I. V.
II. MTWL-47
III. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

REINSON, J. D.

R-2.22. Determination of hydrogen sulfide in ammonia
liquor. Zhur. Khim. Prom., 4, p.46, 1927. (2p.)

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